

Flexential IP Bandwidth

Fast, resilient internet connectivity with built-in protection

Flexential IP Bandwidth is a fully managed IP transit service designed to deliver highly available, secure connectivity for mission-critical applications, workloads, and users. Built on a premium blend of Tier I carriers and powered by the Flexential nationwide network backbone, IP Bandwidth provides fast, resilient internet access with fixed and burstable bandwidth options up to 100 Gbps.

Unlike standard Direct Internet Access (DIA), Flexential IP Bandwidth combines carrier diversity, automated DDoS protection, and 24x7 expert management into a single service. Businesses can scale bandwidth as needed while maintaining performance, reliability, and security across hybrid IT environments.

Every service includes automated DDoS scrubbing that continuously monitors for volumetric Layer 3 and Layer 4 attacks and automatically mitigates threats before they impact applications or users. Optional IP address advertising is also available to support disaster recovery and business continuity requirements.

Additionally, direct peering with Wasabi enables mutual customers to move large datasets between Flexential environments and Wasabi storage services through a dedicated pathway, bypassing the public internet for improved performance and efficiency.

Features

- Fixed and burstable bandwidth options up to 100 Gbps
- Fully managed service with 24x7 monitoring and support
- Automated DDoS scrubbing included
- Built on a premium blend of Tier I carriers
- Native IPv4 and IPv6 support
- Border Gateway Protocol (BGP) options
- Bandwidth utilization reporting
- IP failover available across all markets
- Optional IP address advertising for disaster recovery
- Direct peering with Wasabi
- Built-in carrier redundancy for increased resilience
- Available through Flexential Fabric for self-service provisioning and management

Benefits

Highly available connectivity
Support business-critical applications and user experiences with a resilient service built on redundant carrier infrastructure.

Simplified provider management
Reduce operational complexity by sourcing internet connectivity from a single provider across all Flexential markets.

Flexible scaling
Match bandwidth consumption to business needs with fixed and burstable service options that can grow alongside demand.

Built-in security
Reduce risk with automated DDoS protection that continuously monitors and mitigates network threats.

Disaster recovery readiness
Support business continuity objectives with optional IP address advertising for enhanced resilience and failover capabilities.

High-performance data movement
Transfer large datasets between Flexential and Wasabi environments through a direct peering pathway that bypasses the public internet.

Provision and manage IP Bandwidth on demand with Flexential Fabric

Utilize Flexential Fabric, the single-port solution for software-defined interconnection, to provision IP Bandwidth services in minutes through an intuitive self-service portal. Easily scale connectivity, monitor utilization, and manage services on demand across your hybrid IT environment.

Important: Flexential offers this service through both legacy Dedicated Port infrastructure and the Flexential Fabric platform. Service capabilities, interface speeds, bandwidth options, and technical specifications may vary by platform and market availability. Flexential Fabric currently provides access through 10 Gbps and 100 Gbps interfaces in select markets, with additional 100 Gbps locations being enabled as network expansion continues. Please contact your account representative to confirm current availability, supported configurations, and service specifications for your environment.